Part	Minimum Quantity	Details
PIC16F877A	1	
40 Pin Integrated Socket (for PIC16F877A)	1	
22pF Capacitor	2	
20Mhz Crystal	1	
OP07 DIP OpAmp	1	
8 Pin Integrated Socket (for OP07)	1	
7805 Voltage Regulator	2	
Perforated Board	-	At least 13x25 recommended
Momentary Tactile Tact Push Button Switch for PCB 4 Pin DIP	2	
1N4007 Diode	2	
0.1R 5W Stone Resistor	1	
Fuse Holder for PCB 20mm	1	
2A 5x20mm Glass Tube Fuse	-	
12V 40x40x10mm 0.15A 7000RPM Fan	1	
LM335 Temperature Sensor	1	
45AS Aluminum Heat Sink	1	
10R 11W Stone Resistor	1	
IRF2807 N-type Power Mosfet	2	
1N5822 Diode	2	
Thermal Paste	-	
2.54mm Single Row Male Pin PCB Header Connector	-	The amount depends on the circuit design
2.54mm Single Row Female PCB Header Connector	-	The amount depends on the circuit design
2 Pin Terminal Block Connectors	-	The amount depends on the circuit design
Cables	-	
USB to TTL Converter	1	You can also use Arduino UNO without AVR (It is possible by using Arduino Uno with removable DIP AVR)
Capacitors and Resistors	-	The ohm and capacitor values depend on the filter that you will use. It is better to have bunch of different values. At least you will need followings; 100Ω,1KΩ,10KΩ 0.33µF, 0.1µF

Note: It is recommended to have components with spares.